

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/754, 922 A  
Source: LEW16  
Date Processed by STIC: 10/18/2006

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 10/18/2006

PATENT APPLICATION: US/10/754,922A

TIME: 08:15:14

Input Set : F:\11183-004 SEQLIST(US).TXT

Output Set: N:\CRF4\10182006\J754922A.raw

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4 <110> APPLICANT: Stavenhagen, Jeffrey
5     Vihj, Sujata
7 <120> TITLE OF INVENTION: IDENTIFICATION AND ENGINEERING OF
8     ANTIBODIES WITH VARIANT Fc REGIONS AND METHODS OF USING SAME
10 <130> FILE REFERENCE: 11183-004-999
12 <140> CURRENT APPLICATION NUMBER: 10/754,922A
13 <141> CURRENT FILING DATE: 2004-01-09
15 <150> PRIOR APPLICATION NUMBER: 60/439,498
16 <151> PRIOR FILING DATE: 2003-01-09
18 <150> PRIOR APPLICATION NUMBER: 60/456,041
19 <151> PRIOR FILING DATE: 2003-03-19
21 <150> PRIOR APPLICATION NUMBER: 60/514,549
22 <151> PRIOR FILING DATE: 2003-10-23
24 <160> NUMBER OF SEQ ID NOS: 10
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 86
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Primer: 5' linker.avitag
36 <400> SEQUENCE: 1
37 ggccgcaggt ggtggtggtt ctggtggtgg tggttctggt ctgaacgaca tcttcgaggc 60
38 tcagaaaatc gaatggcacg aatgat                                     86
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 86
42 <212> TYPE: DNA
43 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Primer: 3' linker.avitag
48 <400> SEQUENCE: 2
49 ctagatcatt cgtgccattc gattttctga gcctcgaaga tgctggttcag accagaacca 60
50 ccaccaccag aaccaccacc acctgc                                     86
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 35
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Primer: FcR3A left
60 <400> SEQUENCE: 3
61 gttggatcct ccaactgctc tgctacttct agttt                                     35
63 <210> SEQ ID NO: 4
64 <211> LENGTH: 34

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65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Primer: FcR3A Right
71 <400> SEQUENCE: 4
72 gaaaagctta aagaatgatg agatggttga cact 34
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 31
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Primer: FcR2B right
82 <400> SEQUENCE: 5
83 gaagtcgaca atgatcccca ttggtgaaga g 31
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 30
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Primer: FcR2B left
93 <400> SEQUENCE: 6
94 gttagatctt gctgtgctat tcctggctcc 30
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 27
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Primer: IgG1 right
104 <400> SEQUENCE: 7
105 atagtcgacc actgatttac ccggaga 27
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 31
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Primer: IgG1 left
115 <400> SEQUENCE: 8
116 ggaattcaac accaaggtgg acaagaaagt t 31
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 31
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Primer: mcr025;chl (f')
126 <400> SEQUENCE: 9
127 aaaggatccg cgagctcagc ctccaccaag g 31
129 <210> SEQ ID NO: 10
130 <211> LENGTH: 20
131 <212> TYPE: DNA

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132 &lt;213&gt; ORGANISM: Artificial Sequence

134 &lt;220&gt; FEATURE:

135 &lt;223&gt; OTHER INFORMATION: Primer: H021

137 &lt;400&gt; SEQUENCE: 10

138 gtctgctcga agcattaacc

20

**VERIFICATION SUMMARY**

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